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(71) Applicant (for all designated States except US): CHI-RON CORPORATION [US/US]; 4560 Horton Street, Emeryville, California 94608 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TETTELIN, Hervé [BE/US]; The Institute for Genomic Research, 9712 Medical Center Drive, Rockville, MD 20850 (US). MASIG-NANI, Vega [IT/IT]; c/o Chiron Corporation, 4560 Horton Street, Emeryville, CA 94608 (US).

(74) Agent: CHIRON CORPORATION; 4560 Horton Street, Emeryville, CA 94608 (US).

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(54) Title: GROUP B STREPTOCOCCUS

(57) Abstract: Polypeptides and nucleic acids from Streptococcus agalactiae which can be used in the development of vaccines, for diagnostic purposes, and as targets for antibiotics.

INTERNATIONAL SEARCH REPORT

International application No PCT/US2005/046491

A. CLASSIFICATION OF SUBJECT MATTER INV. C07K14/315 C12N15/31 C07K16/12 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) CO7K C12N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, Sequence Search, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X DATABASE Geneseq [Online] 1 - 162 July 2002 (2002-07-02), "Streptococcus polypeptide SEQ ID NO 9444." XP002397445 retrieved from EBI accession no. GSP: ABP30134 Database accession no. ABP30134 The sequence has 100% identity with SEQ ID NO: 2 (corresponds to SEQ ID NO: 9444 of W00234771) & WO 02/34771 A (CHIRON S.P.A; THE INSTITUTE FOR GENOMIC RESEARCH; TELFORD, JOHN; MASIG) 2 May 2002 (2002-05-02) Х Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 15, 01, 2007 4 September 2006 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Grosskopf, Ruediger

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/046491

Category*	Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT tegory* Citation of document, with indication, where appropriate, of the relevant passages					
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International application No. PCT/US2005/046491

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)								
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:								
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:								
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:								
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).								
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)								
This International Searching Authority found multiple inventions in this international application, as follows:								
see additional sheet								
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.								
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.								
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:								
A. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-16 (all partially)								
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.								

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

Invention 1: 1-16 (all partially)

Claims insofar as they relate to the nucleic acid having SEQ ID NO: 1 and the corresponding protein having SEQ ID NO: 2

Inventions 2- 11370: Claims 1 to 16 (all partially)

Claims insofar as they relate to the nucleic acids having SEQ ID NO: 3 to 22739 (odd numbers) and the corresponding proteins having SEQ ID NOs: 2 to 22740 (even numbers)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2005/046491

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